

AMENDMENTS TO THE SPECIFICATION:

Page 1, before line 1, insert the following heading:

--TITLE OF THE INVENTION--

Page 1, before line 3, insert the following heading:

--BACKGROUND OF THE INVENTION--

Page 1, between lines 7 and 8, insert the following heading:

--DETAILED DESCRIPTION OF THE RELATED ART--

Page 1, between lines 19 and 20, insert the following heading:

--SUMMARY OF THE INVENTION--

Page 2, between lines 11 and 12, insert the following heading:

--BRIEF DESCRIPTION OF THE DRAWINGS--

Page 2, between lines 21 and 22, insert the following heading:

--DESCRIPTION OF THE PREFERRED EMBODIMENTS--

Page 2, replace the paragraph, beginning on line 22, bridging pages 2 and 3, with the following amended paragraph:

--Figure 1 shows an injection moulding device 1, comprising a manifold 2 having a transverse duct 2' for supplying molten thermoplastic material to a vertical nozzle, or hot runner 3. In the manifold 2, the thermoplastic material is supplied at a temperature which may amount to over 350°C at a pressure of for

instance 200 bar. The nozzle 3 is connected to the manifold 2 and is seated in a well 4 of the mould body 5. The nozzle 3 is separated from the mould body 5, which may have a temperature of for instance 40°C by an air gap, surrounding the nozzle 3. The nozzle 3 is surrounded by a heating element 7, to keep the temperature of the thermoplastic material above the melting point. The molten thermoplastic material exits the nozzle 3 via a gate 8 to enter into a mould cavity 9. The gate 8 is opened and closed by a valve pin 11, which can slide up and down in the nozzle 3. The valve pin 11 exits at the upper end 12 of the nozzle 3, a bore [[13]] in the manifold 2, and is guided by a bush 13. The valve pin passes through a cooling plate 14 and is attached to a hydraulic cylinder 15 that is located in line with the valve pin 11. The bush 13 is clampingly pressed into a central bore 17 of the cooling plate, or is connected via a sliding fitment to be in good heat conducting contact with the cooling plate 14. The cooling plate 14 comprises a generally circular cooling channel 18, in which a cooling medium, such as water, is circulated. The relatively cool bush 13 is seated in a cavity 21 in the manifold 2 and is only supported with a relatively small surface area of the end part 19 onto the hot manifold 2, such that heat transfer from the manifold to the bush 13, and hence to the cylinder 15, is minimised.--